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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/043,200	01/14/2002	Takashi Koshimizu	218100US2	6096
22850	7590	08/30/2006	EXAMINER	
C. IRVIN MCCLELLAND OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314			VU, VIET DUY	
			ART UNIT	PAPER NUMBER
			2154	

DATE MAILED: 08/30/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/043,200	KOSHIMIZU ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Viet Vu	2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 05 July 2006.
- 2a) This action is FINAL.                            2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 7-23 is/are pending in the application.
- 4a) Of the above claim(s) 13-17 is/are withdrawn from consideration.
- 5) Claim(s) 18-23 is/are allowed.
- 6) Claim(s) 7-9 and 11 is/are rejected.
- 7) Claim(s) 10 and 12 is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_\_.

**Art Rejection:**

1. The text of 35 U.S.C. 102(e) cited in the previous office action is hereby incorporated by reference.
2. Claims 7-9 and 11 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by Inoue, U.S. pat. no. 6,874,017.

Inoue discloses an information system and method for delivering information content to a mobile terminal comprising:

- a) in response to a delivery channel being switched to another as the mobile terminal moves from a communication area to another, a communication node (8, fig. 9) in a delivery channel through which the information has been delivered to the mobile terminal registers a portion of the information which has been stored therein, e.g., terminal and cache servers locations and other user's requests or downloaded information (see col 11, lines 22-33 and col 14, lines 17-28);
- b) a cache server (3, fig. 4), in which a portion of the information is registered in the delivery channel, is configured to deliver the portion of cached to the mobile terminal (see col 14, lines 9-28).

**Allowable Subject Matter:**

3. Claims 18-23 are allowed over prior art of record.

4. Claims 10 and 12 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

**Response to Amendment:**

5. Applicant's arguments filed on 4/5/06 with respect to claims 7-9 and 11 have been fully considered but are not found persuasive.

Applicant alleges that Inoue does not disclose the claimed invention because Inoue fails to teach a communication node in the delivery channel registers portion of information that has been stored/maintained within the communication node when the mobile terminal moves to another location.

The examiner disagrees. Inoue clearly teaches registering and updating various user's information within at least one communication node when the mobile terminal moves to another location. The stored information includes terminal location cache server locations (col 11, lines 22-33), and other user's request and downloaded data (col 14, lines 17-28). Such registration process would also comprise the step of sending a command to the cache server for delivering information to the mobile terminal (col 14, lines 17-28).

**Conclusion:**

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Viet Vu whose telephone number is 571-272-3977. The examiner can normally be reached on Monday through Friday from 7:00am to 4:00pm. The Group general information number is 571-272-2100. The Group fax number is 571-273-8300.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Follansbee, can be reached on 571-272-3964.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



VIET D. VU  
PRIMARY EXAMINER

Art Unit 2154  
8/28/06